Ashuha Arseniy
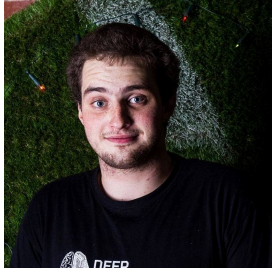
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Summary

I am a second year Master Student at MIPT, I do research at Bayes Group under supervision of prof. Dmitry Vetrov. My research is focused on Bayesian regularization of deep neural nets. At MIPT I work as a teacher assistant for some Machine Learning courses. Also, I am an irregular student of Yandex School of Data Analysis.

Skills: Machine Learning, Deep Learning, Bayesian ML, Python, Hadoop, Hive, Linux, English (B2)

Education

2011 - 2015	Bachelor, *Computer Science*, Bauman Moscow State Technical University, GPA: 3.7/5.0
Thesis	*Identification of unique kernels in topic models*, Supervisor: N. Loukachevitch (`MSU`)
2015 - 2017	Master, *Machine Learning*, Moscow Institute of Physics and Technology, GPA: ?/5.0
Thesis	*Regularization of Deep Neural Nets*, Supervisor: Prof. D. Vetrov (`HSE`), A. Dral (`MIPT`)
2015 - 2017	Irregular Student, *Machine Learning*, Yandex School of Data Analysis, GPA: 4.8/5.0
Result	*Six courses were passed and the favorites are Bayesian Methods, Deep Learning*

Publications

1. Ashuha A., Loukachevitch N.: *Bigramm Anchor Words Topic Model*, AIST16

Teaching experience

- **2016 - Now:** Teacher Assistant, University Course at MIPT, Machine Learning (parts 1,2), `ml-mipt.github.io` (RU)
- **2016 - Now:** Teacher Assistant, Additional Course at MIPT, Machine Learning in Action, `vk.com/ml_in_action` (RU)

Industry experience

Jun 2016 - Aug 2016 3 month	**Yandex**, Moscow — Intern at Music Deep Learning Group • Searching similar tracks and building recommendation features using DNN	Yandex
Dec 2013 - Feb 2016 2 year 1 month	**Rambler**, Moscow — Part-time R&D Engineer at Machine Learning Group • Improving the quality of classification users using browser history • Recommendations system for the news posts on `rambler.ru` • Optimization performance of users classification • Application of topic models to building users features	RAMBLER&Co
Jun 2013 - Aug 2013 3 month	**Rambler**, Moscow — Intern at Search Group • Users query classification to display a mixing in search results	RAMBLER&Co

Achievements

- **25.07.2015**: I have 2nd place in the the final round and 1st place in the qualifying round at Game.DeepHack